

Amendments to the Specification:

Please replace the paragraph set forth on page 5, lines 10-19 with the following:

*A1* In addition, the present invention is directed to a method of forming a ferrite material that includes mixing as main components, an iron component ranging from 55.5 to 58.0 mole percent calculated as  $\text{Fe}_2\text{O}_3$ , an amount of manganese component ranging from 38.0 to 41.0 mole percent calculated as  $\text{MnO}$ , and an amount of zinc component ranging from 3.3 to 4.7 mole percent calculated as  $\text{ZnO}$ , and mixing as minor components an amount of calcium component ranging from 0.030 to 0.100 weight percent calculated as  $\text{CaO}$ , an amount of silicon component ranging from 0.015 to 0.040 weight percent calculated as  $\text{SiO}_2$ , and an amount of niobium component ranging from 0.010 to 0.030 weight percent calculated as  $\text{Nb}_2\text{O}_5$ . The method further comprises heat treating the major components and the minor components to form the ferrite material.

Please replace the paragraph set forth starting on page 8, line 23 to page 9, line 2 with the following:

*A2* The major components may be mixed such that the iron component may be present in amounts ranging from 55.5 to 58.0 mol % of the final composition, and typically in amounts ranging from 57.0 to 57.3 mol %, calculated as  $\text{Fe}_2\text{O}_3$ . The manganese component may be present in amounts ranging from 38.0 to 41.0 mol % of the final composition, and typically in amounts ranging from 37.0 38.0 to 39.0 mol %, calculated as  $\text{MnO}$ . The zinc component may be present in amounts ranging from 3.3 to 4.7 mol % of the final composition, and typically in amounts ranging from 4.0 to 4.7 mol %, calculated as  $\text{ZnO}$ .